

## EAST Search History

| Ref # | Hits   | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|---|------------------|---------|------------------|
| L1    | 29974  | (ink or dot) with diameter  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/28 21:15 |
| L2    | 872292 | nozzle  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/28 21:16 |
| L3    | 51228  | ((ink or dot) with diameter) or<br>((drop\$4 or dot or ink) adj size) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/28 21:15 |
| L4    | 6645   | 2 with 3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/28 21:15 |
| L5    | 4021   | 1 with 2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/28 21:15 |
| L6    | 46226  | nozzle with center  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/28 21:16 |
| L7    | 115    | 3 with 6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/04/28 21:16 |

04/29/06 EAST Search

## EAST Search History

|    |       |  |   |    |     |                  |
|----|-------|--|---|----|-----|------------------|
| S1 | 26    | ((("6095050") or ("5276459") or ("5477246") or ("6149264") or ("6036298") or ("6003980") or ("6834948") or ("6562413") or ("20030035037") or ("6145979") or ("6523948") or ("6536889") or ("6561640") or ("20030164870") or ("20020101491") or ("6425663") or ("5371531") or ("6003988") or ("6447112") or ("5936008") or ("20020008747") or ("6820975") or ("5502464") or ("6092891") or ("20030137572") or ("6149327"))).PN.   | US-PGPUB;<br>USPAT  | OR | OFF | 2006/04/28 21:13 |
| S2 | 26    | (US-20020008747-\$ or US-20020101491-\$ or US-20030035037-\$ or US-20030137572-\$ or US-20030164870-\$).did. or (US-5276459-\$ or US-5371531-\$ or US-5477246-\$ or US-5502464-\$ or US-5936008-\$ or US-6003988-\$ or US-6003980-\$ or US-6036298-\$ or US-6092891-\$ or US-6095050-\$ or US-6145979-\$ or US-6149327-\$ or US-6149264-\$ or US-6425663-\$ or US-6447112-\$ or US-6523948-\$ or US-6536889-\$ or US-6562413-\$ or US-6561640-\$ or US-6820975-\$ or US-6834948-\$).did. | US-PGPUB;<br>USPAT  | OR | OFF | 2006/04/27 18:10 |
| S3 | 52    | (US-20020008747-\$ or US-20020101491-\$ or US-20030035037-\$ or US-20030137572-\$ or US-20030164870-\$).did. or (US-5276459-\$ or US-5371531-\$ or US-5477246-\$ or US-5502464-\$ or US-5936008-\$ or US-6003988-\$ or US-6003980-\$ or US-6036298-\$ or US-6092891-\$ or US-6095050-\$ or US-6145979-\$ or US-6149327-\$ or US-6149264-\$ or US-6425663-\$ or US-6447112-\$ or US-6523948-\$ or US-6536889-\$ or US-6562413-\$ or US-6561640-\$ or US-6820975-\$ or US-6834948-\$).did. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/27 18:11 |
| S4 | 13151 | white with ink   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/27 18:11 |

## EAST Search History

|     |       |                             |   |    |    |                  |
|-----|-------|-----------------------------|---|----|----|------------------|
| S5  | 5     | S3 and S4                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 18:12 |
| S6  | 1037  | 347/102                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 18:12 |
| S7  | 1520  | 347/101                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 18:12 |
| S8  | 488   | 101/488                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 18:12 |
| S9  | 3966  | 219/216                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 18:12 |
| S10 | 698   | 399/320                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 18:12 |
| S11 | 6790  | S6 or S7 or S8 or S9 or S10 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 18:13 |
| S12 | 13151 | white with ink              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/27 18:52 |

## EAST Search History

|     |      |                                 |   |    |     |                  |
|-----|------|---------------------------------|---|----|-----|------------------|
| S13 | 1037 | 347/102                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/27 18:52 |
| S14 | 1520 | 347/101                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/27 18:52 |
| S15 | 488  | 101/488                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/27 18:52 |
| S16 | 3966 | 219/216                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/27 18:52 |
| S17 | 698  | 399/320                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/27 18:52 |
| S18 | 6790 | S13 or S14 or S15 or S16 or S17 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/27 18:52 |
| S19 | 309  | S12 and S18                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/04/27 21:33 |
| S20 | 1    | ("6854841").PN.                 | US-PGPUB;<br>USPAT  | OR | OFF | 2006/04/27 21:33 |